

(Use as many sheets as necessary)

Application Number	10/080,794
Filing Date	2/22/2002
First Named Inventor	Gleave et al.
Art Unit	1635
Examiner Name	Karen Lacourciere
Attorney Docket Number	UBC P-020-3

Sheet	1	of	3
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Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	T <sup>o</sup>
		Country Code* - Number* - Kind Code* (if known)				
HAB	X	WO 02/22835 A1	3/21/2002	ISIS Pharmaceuticals, Inc.	Appear	
	X	WO 03/062421 A1	7/31/2003	The University of British Columbia		
	X	WO 03/072591 A1	9/4/2003	The University of British Columbia		

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>11/1/2004</i>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	10/080,794
		Filing Date	2/22/2002
		First Named Inventor	Gleave et al.
		Art Unit	1635
		Examiner Name	Karen Lacourciere
Sheet 2 of 3	Attorney Docket Number	USC.P-020-3	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AGL	X	GLEAVE ET AL., Use of Antisense Oligonucleotides Targeting the Antiapoptotic Gene, Clusterin/Testosterone-Repressed Prostate Message 2, To Enhance Androgen Sensitivity and Chemosensitivity in Prostate Cancer, Urology, 2001, Page(s) 39-49, Volume 58	
	X	GLEAVE ET AL., Antisense therapy: Current status in prostate cancer and other malignancies, Cancer and Metastasis Reviews, Page(s) 79-92, Volume 21	
	X	GLEAVE ET AL., Targeting anti-apoptotic genes upregulated by androgen withdrawal using antisense oligonucleotides to enhance androgen and chemo-sensitivity in prostate cancer, Investigational New Drugs, 2002, Page(s) 145-158, Volume 20, Number 2, XP 009021411	
	X	GLEAVE ET AL., Antisense Targets to Enhance Hormone and Cytotoxic Therapies in Advanced Prostate Cancer, Current Drug Targets, Page(s) 209-221, Volume 4	
	X	JONES ET AL., Molecules in focus: Clusterin, The International Journal of Biochemistry & Cell Biology, 2002, Page(s) 427-431, Volume 34, XP002262319	
	X	MIYAKE ET AL., Antisense TRPM-2 Oligodeoxynucleotides Chemosensitize Human Androgen-Independent PC-3 Prostate Cancer Cells Both <i>in Vitro</i> and <i>in Vivo</i> , Clinical Cancer Research, 5/1/2000, Page(s) 1655-1663, Volume 6	
	X	MIYAKE ET AL., Testosterone-repressed Prostate Message-2 is an Antiapoptotic Gene Involved in Progression to Androgen Independence in Prostate Cancer, Cancer Research, 1/1/2000, Page(s) 170-176, Volume 60	
	X	MIYAKE ET AL., Synergistic Chemosensitization and Inhibition of Tumor Growth and Metastasis by the Antisense Oligodeoxynucleotide Targeting Clusterin Gene in a Human Bladder Cancer Model, Clinical Cancer Research, Page(s) 4245-4252, Volume 7	
	X	MIYAKE ET AL., Novel therapeutic strategy for advanced prostate cancer using antisense oligodeoxynucleotides targeting antiapoptotic genes upregulated after androgen withdrawal to delay androgen-independent progression and enhance chemosensitivity, International Journal of Urology, , Page(s) 337-349, Volume 8, Number 7,	
	X	ROSENBERG ET AL., Cluster: Physiologic and Pathophysiologic Considerations, International Journal of Biochemistry Cell Biology, Page(s) 633-645, Volume 27, Number 7	
	X	WILSON ET AL., Clusterin is a secreted mammalian chaperone, Trends in Biological Sciences, 3/1/2000, Page(s) 95-98, Volume 25, Number 3, XP004202536	

Examiner Signature	<i>[Signature]</i>	Date Considered	10/1/2004
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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Complete If Known</b>	
	Application Number	10/080,794
	Filing Date	2/22/2002
	First Named Inventor	Gleave et al.
	Art Unit	1635
Examiner Name	Karen Lacourciere	
Attorney Docket Number	UBC.P-020-3	
Sheet (Use as many sheets as necessary) 3		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
hgc	*	WONG ET AL., Molecular characterization of human TRPM-2/clusterin, a gene associated with sperm maturation, apoptosis and neurodegeneration, European Journal of Biochemistry, Page(s) 917-925, Volume 227, Number 3, XP 001146404	
	*	ZANGEMEISTER-WITTKKE ET AL., A Novel Bispecific Antisense Oligonucleotide Inhibiting Both bcl-2 and bcl-xL Expression Efficiently Induces Apoptosis in Tumor Cells †, Clinical Cancer Research, 6/1/2000, Page(s) 2547-2555, Volume 6	
	*	ZELLWEGER ET AL., Antitumor Activity of Antisense Clusterin Oligonucleotides Is Improved In Vitro and in Vivo by Incorporation of 2'-O-(2-Methoxy)Ethyl Chemistry, The Journal of Pharmacology and Experimental, 5/11/2001, Page(s) 934-940, Volume 298, Number 3	
	*	ZELLWEGER ET AL., Chemosensitization of Human Renal Cell Cancer Using Antisense Oligonucleotides Targeting the Antiapoptotic Gene Clusterin †, Neoplasia, , Page(s) 360-367, Volume 3, Number 4	

Examiner Signature	<i>Shirley M. Colwell</i>	Date Considered	10/1/2004
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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I.D.S

Application No.: 10/080,794  
Applicant: Gleave, et al.  
Filing Date: 02/22/2002  
Conf. No.: 2924  
Title: TRPM-2 Antisense Therapy  
Attorney Docket No.:  
UBC.P-020-3

Page 1 of 2

U.S. PATENT DOCUMENTS

Examiners Initials	U S Patent No.	Name of Persons or applicant	Date of Publication of Cited Document
Hse	5,789,389	Tarasewicz et al.	08/04/1998
Hse	6,335,194 B1	Bennett et al.	01/01/2002

FOREIGN PATENT DOCUMENTS

Examiners Initials	Patent No.	Name of Persons or applicant	Date of Publication of Cited Document
Hse	WO 01/46455 A2	Yale University	06/28/2001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	
Hse	Nör et al.; Up-Regulation of Bcl-2 in Microvascular Endothelial Cells Enhances Intratumoral Angiogenesis and Accelerates Tumor Growth; Cancer Research; Vol. 61; March 1, 2001; 2183-2188.
	Kirby et al.; Bartonella-Associated Endothelial Proliferation Depends on Inhibition of Apoptosis; PNAS; Vol. 99, No. 7; April 2, 2002; 4656-4661.
	Cox et al.; Angiogenesis and Non-Small Cell Lung Cancer; Lung Cancer; Vol. 27, 2000; 81-100.
	Tran et al.; A Role for Survivin in Chemoresistance of Endothelial Cells Mediated by VEGF; PNAS; Vol. 99, No. 7; April 2, 2002; 4349-4354.
	Nör et al.; Engineering and Characterization of Functional Human Microvessels in Immunodeficient Mice; Laboratory Investigation; Vol. 81, No.4; April 2001; 453-463.
	Boral et al.; Clinical Evaluation of Biologically Targeted Drugs: Obstacles and Opportunities; Cancer Chemother Pharmacol; Vol. 42; 1998; S3-S21.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application No.: 10/080,794  
Applicant: Gleave, et al. TECH CENTER 1800/2900  
Filing Date: 02/22/2002  
Conf. No.: 2924  
Title: TRPM-2 Antisense Therapy  
Attorney Docket No.:  
UBC.P-020-3

Page 2 of 2

Nob	Zwain et al.; Clusterin Protects Granulosa Cells from Apoptotic Cell Death During Follicular Atresia; Experimental Cell Research; Vol. 257; 2000; 101-110.
I	Lee et al.; In Vitro Models of Prostate Apoptosis: Clusterin as an Antiapoptotic Mediator; The Prostate Supplement; Vol. 9; 2000; 21-24.
	Genta Incorporated; New Data Reaffirm Genta's Molecular Target as Critical Factor for Enhancing Anticancer Treatment; <a href="http://www.genta.com">www.genta.com</a> ; 2001.

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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

**Application No:** 10/080,794  
**Filing Date:** February 22, 2002  
**First Named Inventor:** Gleave, et al.  
**Confirmation No.:** 2924  
**Group Art Unit:** 1635  
**Examiner Name:** LaCourciere, Karen A.  
**Attorney Docket No.:** UBC.P-020-3

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	office	Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages where relevant passages appear
Hcc	WO	00/49937 A2	The University of British Columbia	Aug. 31, 2000	

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